

REPLY TO
ATTN OF: DIAAP/Gen Hall/77695/mw/17 Oct 62

00910

SUBJECT: (U) Characteristics of Soviet Aircraft in Cuba

TO: Secretary of Defense

The attached information regarding estimated Characteristics
of Soviet Aircraft in Cuba is provided in response to your inquiry
of this date.

JOSEPH F. CARROLL
Lieutenant General, USAF
Director

1 Atch
Characteristics of Soviet Aircraft
in Cuba (S)

COORDINATION:
DIAAP _____

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(Note: Gen Carroll signed and handcarried orig onl
to the SecDef this date.)

Characteristics of Soviet Aircraft in Cuba

| | <u>MIG</u> 15 | <u>MIG</u> 17 | <u>MIG</u> 19 | <u>MIG</u> 21 | <u>IL</u> 14 | <u>IL</u> 28 |
|----------------------------------|--------------------|--------------------|------------------|------------------|-----------------|-----------------|
| Max. speed at sea level(kts.) | 585 | 570 | 665 | 600 | 140 | 435 |
| Radius of action | | | | | | |
| Internal (n.m.) | 330 | 270 | 395 | 290 | 720 | 740 |
| External (n.m.) | 575 | 510 | 690 | 380 | - | - |
| Fuel | | | | | | |
| Weapons Load | | | | | | |
| Bombs | 2-550# | 2-550# | - | - | - | 4,400# |
| Rockets | - | - | 2 A to G | 2 A to G | - | - |
| Guns | 2-23 mm 1-37 mm | 2-23 mm 1-37 mm | 2-23 mm | 3-23 mm | - | - |
| Effectiveness in 1/ | | | | | | |
| Air to Air | P | P | P | 2/ | - | 2/ |
| Close Support | F | F | F | 2/ | - | 2/ |
| Bombing | F | F | F | 2/ | - | 2/ |
| Nuclear Capability 2/ | Unk | Unk | Unk | Unk | C-131 | Unk |
| Closest U.S. Counterpart | F-36A | F-86G | F-100 | F-104 | C-131 | B-66 |

1/. This is an estimate of the effectiveness of Cuban crews. P = Poor, F = Fair

2/. It is not likely that the MIG-21's and the IL-28's are operational at this time

3/. There is no evidence that nuclear weapons are available for such aircraft in Cuba.